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(Only for new nonprovisional applications under 37 CFR 1.53(b))

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UTILITY PATENT APPLICATION TRANSMITTAL	Attorney Docket No.	1/1444US
	First Inventor	SACHER, Fritz, et al
	Title	Method of Improvement of Blood
(Only for new nonprovisional applications under 37 CFR 1 53(b))	Everence Mail Label No.	Ev329505431US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO:  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450				
1.  Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3.  Specification [Total Pages 20] (preferred arrangement set forth below)  - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS				
4. Drawing(s) (35 U.S.C. 113) [Total Sheets]  5. Oath or Declaration [Total Sheets]  a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76	Assignment Papers (cover sheet & document(s))  37 CFR 3.73(b) Statement Power of (when there is an assignee)  11. English Translation Document (if applicable)  12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations  13. Preliminary Amendment  14. Return Receipt Postcard (MPEP 503)  (Should be specifically itemized)  15. Certified Copy of Priority Document(s)  (if foreign priority is claimed)  16. Nonpublication Request under 35 U.S.C. 122  (b)(2)(B)(i). Applicant must attach form PTO/SB/35  or its equivalent.  17. Other:				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation  Divisional  Continuation-in-part (CIP)  of prior application No.:  Art Unit:  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
19. CORRESPONI					
Customer Number: 28501	OR Correspondence address below				
Name					
Address					
City	State Zip Code				
Country	elephone Fax				
Name (Print/Type) Timot/W X. Witkowski	Registration No. (Attorney/Agent) 40,232				
Signature / www. Udbows	Date 12/22/2003				

This collection of information is required by 37 QFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

1/1444US

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EEE TOANCMITTAL	Complete if Known		
FEE TRANSMITTAL	Application Number	To be assigned	
for FY 2004  Effective 10/01/2003. Patent fees are subject to annual revision.  Applicant claims small entity status. See 37 CFR 1.27	Filing Date	December 22, 2003	
	First Named Inventor	Sacher, Fritz et al	
	Examiner Name	To be assigned	
	Art Unit	To be assigned	

(\$) 2016.00

TOTAL AMOUNT OF PAYMENT

TOTAL AMOUNT OF PAYMENT (\$) 2016.00		Attorr	ey Dock	cet No	o. 1/1444US	<i>_</i>
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)				
Check Credit card Money Other None	3. A	DDITI	ONAL F	FEE	S	
Deposit Account:	<u>Large</u>	Entity	Small Er	ntity		
Deposit Account.	Fee Code	Fee	Fee Fe Code (\$		Fee Description	F B
Account 02-2955	1051	(\$) 130	2051		Surcharge - late filing fee or oath	Fee Paid
Number Deposit 02.2055	1052	50	2052		Surcharge - late provisional filing fee or	
Account 02-2955					cover sheet	
The Director Is authorized to: (check all that apply)	1053	130 2,520	1053 1 1812 2,5		Non-English specification For filing a request for ex parte reexamination	
Charge fee(s) indicated below Credit any overpayments	1812 1804	920*			Requesting publication of SIR prior to	
Charge any additional fee(s) or any underpayment of fee(s)	1004	920	1004 3		Examiner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805 1,8	840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month	
4004 770 2004 20E	1255	2,010	2255 1	,005	Extension for reply within fifth month	
1001 770 2001 365 Office   770.00	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451 1	,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 770.00	1452	110	2452	55	Petition to revive - unavoidable	
	1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUIF Fee from	1501	1,330	2501	665	Utility issue fee (or reissue)	
Extra Claims below Fee Paid  Total Claims 54 -20** = 34 x 18.00 = 612.00	11	480	2502		Design issue fee	
Independent 7 211 4 × 86 00 - 344 00	1 1303	640	2503		Plant issue fee	
Claims	1400	130	1460		Petitions to the Commissioner	
[20.00]	1807	50	1807		Processing fee under 37 CFR 1.17(q)	
Large Entity   Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt	
Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809		Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801		examined (37 CFR 1.129(b))  Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802		1802	900	· }	
1246.00						
*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)						
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(Complete (if applicable)) SUBMITTED BY Registration No. (Attornev/Agent) Telephone 203-798-4310 40,232 Name (Print/Type) Tim Witkowaki 12/22/2003 Date Signature

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Ú.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.